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Patent

JUL 14 2005

Customer No.: 31561

Docket No.: 10109-US-PA

Application No.: 10/604,271

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Applicant : Cheng et al.

Application No. : 10/604,271

Filed : 2003/7/8

For : PHOTOMASK WITH INTERNAL ASSISTANT PATTERN  
FOR  
ENHANCING RESOLUTION OF MULTI-DIMENSION  
PATTERN

Art Unit : 1756

Examiner : Ruggles, John S

**TRANSMITTAL LETTER**

002-1-703-872-9306

(Via fax : 1+22 pages)

Assistant Commissioner for Patents  
Alexandria, VA 22314

Dear Sir,

In response to the Office Action dated April 19, 2005(Paper No.: 20050330), please find the Response to Office Action, in 22 pages.

I believe that no fee is incurred. However, the Commissioner is authorized to charge any fees required in connection with the filing of this paper to account No. 50-2620 (Order No.: 10109-US-PA).

Thank you for your assistance in the subject matter. If you have any questions, please feel free to contact me.

Respectfully Submitted,  
JIANQ CHYUN Intellectual Property OfficeDate : July 14, 2005By : Belinda Lee  
Belinda Lee  
Registration No.: 46,863

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Customer No.: 31561  
Application No.: 10/604,271  
Docket No.: 10109-US-PA

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner: Ruggles, John S

Group Art Unit: 1756

In re PATENT APPLICATION of  
Applicants : Cheng et al.

Serial No. : 10/604,271

Filed : July 8, 2003

For : Photomask With Internal  
Assistant Pattern For Enhancing  
Resolution Of Multi-Dimension  
Pattern

AMENDMENT) Attorney Docket: 10109-US-PA  
)

No fee is believed to be due. However, the Commissioner is authorized to  
charge any fees required in connection with the filing of this paper to account  
No. 50-2620 (Order No.: 10109-US-PA)

AMENDMENTS AND RESPONSE TO OFFICE ACTION

United States Patent and Trademark Office  
Customer Service Window  
Mail Stop Amendment  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314

Dear Sir,

In reply to the Office Action dated April 19, 2005, Applicants respectfully submit  
the following Amendments and Remarks.

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Customer No.: 31561  
Application No.: 10/604,271  
Docket No.: 10109-US-PA

IN THE TITLE

PHOTMASK WITH AN INTERNAL ASSISTANT PATTERN FOR ENHANCING  
RESOLUTION OF A MULTI-DIMENSIONAL PATTERN AND A LIGHT  
PROJECTION SYSTEM